

ROSEN 



A new generation of leadership in mobile video.

R5500

Part # 9000312 (with Tuner)

R5501

Part # 9000311 (no Tuner)

R5502

Part # 9000787 (no Tuner)
(with AC Adapter)

Single Disc DVD Player - Tray Load

Safety Precautions



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK. DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT

ATTENTION

POUR EVITER LES CHOCS ELECTRIQUE, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

CAUTION

This Digital Video Disc Player employs a Laser System.

To ensure proper use of this product, please read this owner's manual carefully and retain for future reference, should the unit require maintenance, contact an authorized service location-see service procedure.

Use of controls, adjustments or the performance of procedures other than those specified may result herein hazardous radiation exposure.

To prevent direct exposure to laser beam, do not try to open the enclosure.

Visible laser radiation when open the enclosure. DO NOT STARE INTO BEAM.

FCC NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. Their limits are designed to provide reasonable protection against harmful interference in residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer to an experienced radio/TV technician for help.



Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

INDUSTRY CANADA REQUIREMENT

This class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property right owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

RECORD YOUR MODEL NUMBER

The model and serial number of your new DVD player are located on the back of the DVD player cabinet. For your future convenience, we suggest that you record these numbers here:

MODEL NO. _____

SERIAL NO. _____

Important Safety Instructions

WARNING

PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS IN THIS OWNER'S MANUAL AND THOSE MARKED ON THE UNIT, RETAIN THIS BOOKLET FOR FUTURE REFERENCE.

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you observe the following procedures for installation, use and servicing. This unit is fully transistorized and does not contain any parts that can be repaired by the user.

DO NOT REMOVE THE CABINET COVER, OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REPER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

1. Read owner's manual

After unpacking this product, read the owner's manual carefully, and follow all the operating and other instructions.

2. Power Sources

This product should be operated only from the type of power source indicated on the making label. If you are not sure of the type of power supply in your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

3. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface.

This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

4. Heat

The product should be situated away from heat sources such as radiators, heat registers, stove, or other products (including amplifiers) that produce heat.

5. Water and Moisture

Do not use this product near water-for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool and the like.

6. Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

7. Power-Cord Protection

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

8. Lightning

For added protection of this product during storms, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

9. Object and Liquid Entry

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

10. Attachments.

Do not use attachments not recommended by the product manufacturer as they may cause hazards.

11. Accessories

Do not place this product on an unstable carts, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.



12. Disc Tray

Keep your fingers well clear of the disc tray as it is closing. It may cause serious personal injury.

13. Burden

Do not place a heavy object on or step on the product. The object may fall, causing serious personal injury and serious damage to the product.

14. Connecting

When you connect the produce to other equipment, turn off the power and unplug all of the equipment. Failure to do so may cause an electric shock and serious personal injury. Read the owner's manual the other equipment carefully and follow the instructions when making any connections.

15. Sound Volume

Reduce the volume to the minimum level before you turn on the product. Otherwise, sudden high volume sound may cause hearing or speaker damage.

16. Sound Distortion

Do not allow the product to output distorted sound for a longtime. It may cause speaker overheating and fire.

17. Headphones

When you use the headphones, keep the volume at a moderate level. If you use the headphones continuously with high volume sound, it may cause hearing damage.

18. Laser Beam

Do not look into the opening of the disc tray or ventilation opening of the product to see to source of the laser beam. It may cause sight damage.

19. Disc

Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and produce malfunction.

20. Damage Requiring Service

Unplug this product from the power source and refer servicing to qualified service personnel under the following conditions:

- a) When the power-supply cord or plug is damaged.
- b) If liquid has been spilled, or objects have fallen into the product.
- c) If the product has been exposed to rain or water.
- d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- e) If the product has been dropped or damaged in any way.
- f) When the product exhibits a distinct change in performance-this indicates a need for service.

21. Servicing

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

22. Replacement parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorised substitutions may result in fire, electric shock, or other hazards.

23. Safety Check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

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INTRODUCTION

Welcome to the *Operation and Installation Guide* for the Rosen R5500-series DVD Player. The Rosen DVD Player is designed to provide you with flexibility. It can be used as a component of your vehicle or home entertainment system.

This manual will guide you through the operation and installation of the following Rosen DVD players:

- R5500 DVD player with TV tuner
- R5501 DVD player without TV tuner
- R5502 DVD player with AC adaptor (no TV tuner)

OPERATING THE DVD PLAYER

Precautions

- Use this DVD player only after proper installation by a qualified installer.
- If the internal temperature of the vehicle is extremely high, allow a short cooling down period before operating the unit.
- If the unit shows signs of overheating or malfunction, power off the unit and consult your dealer immediately.
- Do not open the unit; there are no serviceable parts inside.

Switching On

Use the DVD player when your vehicle is running or the ignition switch is in the "accessory" position.

To avoid a dead battery, do not use the DVD player for long periods of time without the engine running.

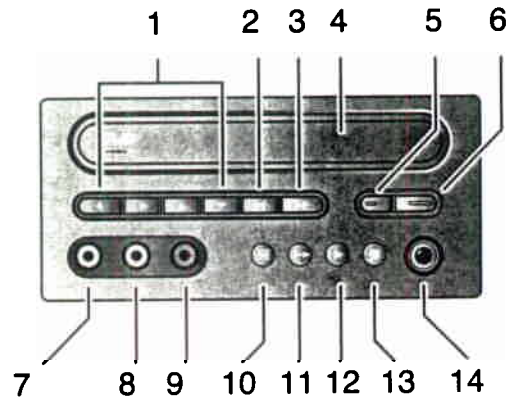
What You Can Play

This unit is designed for use with DVD, VCD, CD, CD-R, and CD-RW with MP3 or MPEG-1 file recordings. Functions will vary depending on the features available on the disc you are playing.

Note: LDs are not compatible.

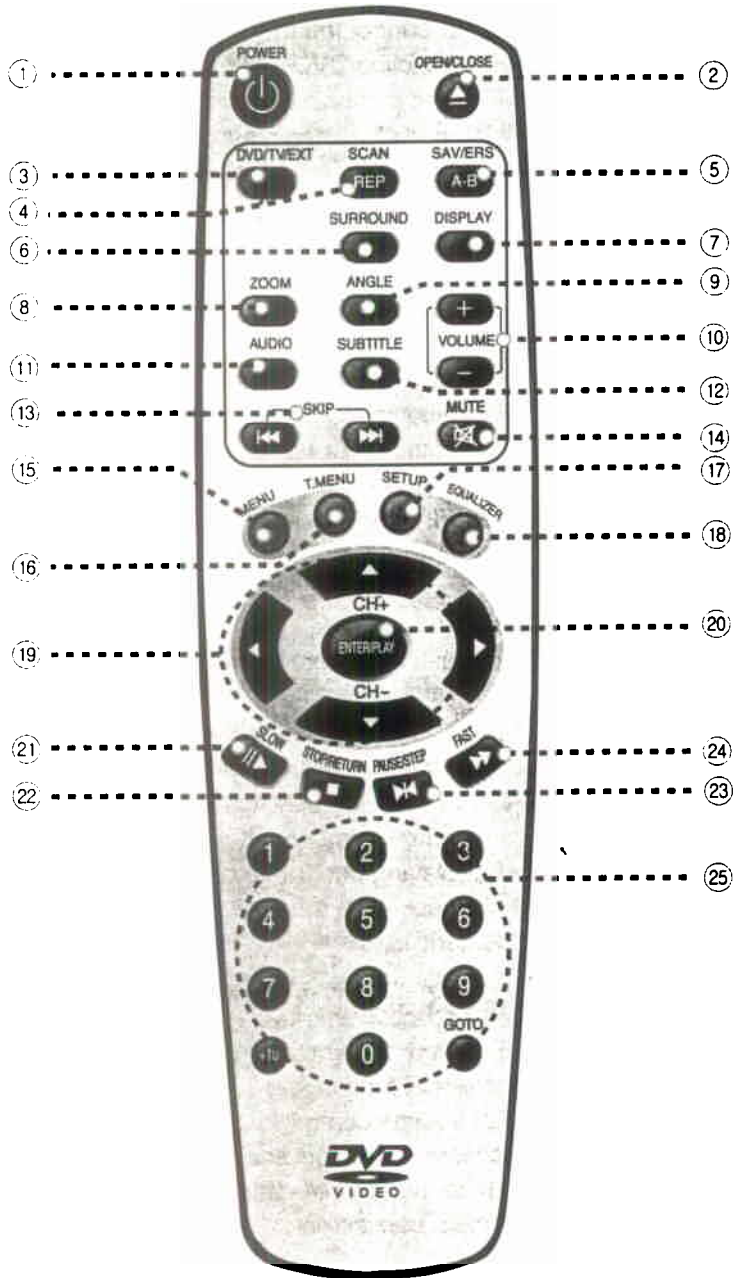
Front Panel Controls

Backlighting on the front panel controls indicate when power is on.



- 1 Arrow buttons—Highlight selections.
- 2 Previous track—Select previous chapter, title, or track.
- 3 Next track—Selects next chapter, title, or CD track.
- 4 Front door
- 5 Power—Powers the system on and off.
- 6 Eject—Ejects a disc.
- 7 Aux input—Video input, yellow.
- 8 Aux input—Left channel audio input, white.
- 9 Aux input—Right channel audio input, red.
- 10 Menu—Accesses main menu (DVDs only).
- 11 Enter—Confirms a selection.
- 12 Play—Begins or resumes playback.
- 13 Stop—Stops playback.
- 14 Internal infrared sensor—Activates the remote control (performs the same function as the remote "eye" sensor.)

REMOTE CONTROL REFERENCE



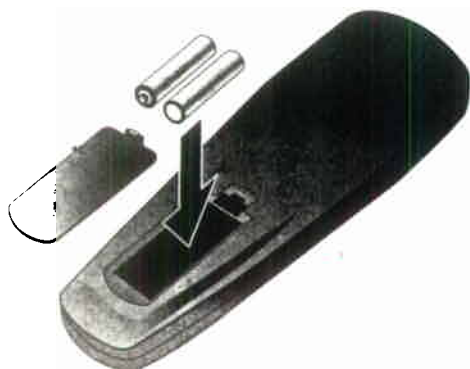
Remote Control Buttons

- 1 POWER - On/Off
- 2 OPEN/CLOSE - For control the tray
- 3 DVD/TV/EXT - For selecting DVD, TV or External input
- 4 REPEAT - For repeated playback of disc title, chapter, track
- 5 A-B - For specifying and repeating playback of a section
- 6 SURROUND - For stereophonic sound effect .
- 7 DISPLAY - For checking the current disk status
- 8 ZOOM - For magnifying the screen .
- 9 ANGLE - For viewing with a different frame angle
- 10 VOLUME - For volume control in a CD or VCD
- 11 AUDIO - For selecting the audio language
- 12 SUBTITLE - For selecting the subtitle language .
- 13 NEXT/PREV - For skipping to the next previous chapter of track
- 14 MUTE - For volume mute on or off.
- 15 MENU - For displaying the menu contained in the disc
- 16 T.MENU - For displaying the title menu contained in the disc .
- 17 SETUP - For initial user setting.
- 18 EQUALIZER - For equalizer function on or off and/or graphic mode display
- 19 UP,DOWN } For selecting item on menu or
RIGHT,LEFT } playback speed control
- 20 ENTER/PLAY - For playing or selecting a item on menu
- 21 SLOW - For slow playback (Use the right, left arrow button)
- 22 STOP/RETURN - For stopping playing or going to previous menu display on setup
- 23 STEP/PAUSE - For playing one frame at a time or slow playback
- 24 FAST - For fast playback (Use the right, left arrow button)
- 25 1-0, +10 - For Numeric input

TV Tuner Buttons (model 5500)

- 20 PLAY/ENTER - For viewing the current status
- 19 UP,DOWN - For channel move.
RIGHT, LEFT - For volume control.
- 4 REPEAT - For automatic channel search.
- 5 A-B - For save/erase the favorite channel.
- 12 SUBTITLE - For clear backscreen.

Replacing the Batteries



Battery life is approximately six months depending on how often the remote is used. Use the two size-AAA batteries. Replace both batteries at the same time.

To avoid damage from battery leakage and subsequent corrosion:

- Insert the batteries matching the "+" and "-" on the batteries to the "+" and "-" in the battery compartment.
- Do not use an old battery with a new one, or different brands of batteries together.
- Remove the batteries when the unit is not being used for long periods of time.
- DO NOT charge the batteries.

If battery leakage occurs, replace all the batteries with new ones after cleaning the battery compartment.

Using the Remote Control

When using the remote control, always aim at the remote infrared "eye" sensor or the internal infrared sensor on the front panel.

This unit is designed for use with DVD, VCD, CD, CD-R, and CD-RW, and with MP3 or MPEG-1 file recordings. Functions on the remote control will vary depending on the features available on the disc you are playing. If a function is unavailable on the inserted CD, VCD, or DVD, the following symbol appears on the on-screen display:



If a disc is incompatible with the unit or if the disc is loaded incorrectly, you may see one of the following on the on-screen display:

- "No disc" - Check to see that the disc is loaded with the **label side up**.
- "Smart navigation" screen - The DVD player may be trying to read an incompatible disc. Check disc compatibility.
- Another error message indicating the disc is either incompatible or loaded incorrectly.

BASIC FUNCTIONS

Inserting or Ejecting Discs

Press the **OPEN/CLOSE** button to insert or eject a disc.

Playback

To play a disc:

- 1 Press the **OPEN/CLOSE** button to open the DVD player.
- 2 Load the disc **with the label side up**.
- 3 Press **OPEN/CLOSE** again.
"Disc loading" appears on the on-screen display. The disc commences playback automatically.

Note: DVD playback varies from disc to disc. Options include:

- DVD playback begins automatically when you insert the disc.
- DVD playback begins automatically, but proceeds only until a menu of options appears. To continue playback, highlight an option using the arrow buttons then press **PLAY/ENTER** on the remote control.
- The DVD displays a menu of options before proceeding. To continue, highlight an option using the arrow buttons then press **PLAY/ENTER** on the remote control.

Stop

- 1 Press the **STOP** button to stop playback. The DVD player saves in internal memory the exact position where it stopped and will playback again from that position.
- 2 Press **PLAY/ENTER** to resume normal playback.

Note: For some VCDs, the Stop function can be enabled by pressing the **NEXT** button.

Pause

- 1 Press the **PAUSE** button to pause playback of the disc.
- 2 Press **PLAY/ENTER** to resume playback.

Mute

- 1 Press the **MUTE** button once to mute the sound.
"Mute" appears on the monitor.
- 2 Press **MUTE** again to restore sound.

Volume Up/Down

For audio CDs and VCDs:

- Press the **VOLUME +/-** buttons on the remote control to adjust the audio.

For DVDs:

- Adjust volume using the amplifier or the TV volume controls.

Adjusting Stereo Sound

Stereo sound is available when "Audio Setup" is set to 2CH. To access "Audio Setup" press the **SETUP** button. See "Advanced Functions" for additional information.

To adjust stereo sound:

Press the **3D** button on the remote control repeatedly to toggle stereo sound on and off. The following options appear:



Non-stereo sound.



Stereo sound. Press **3D** to increase volume.

Graphic Equalizer

- 1 Press the **EQUALIZER** button.
(Graph appears in the upper part of the screen)
- 2 Press Enter Button to choose the desired preset equalizer.
(personal, standard, classic, jazz, rock pops, ballard, dance)
- 3 Press the **EQUALIZER** button.
(Graphic motion appears on the upper part of the screen)

- 4 Pressing EQUALIZER button one more time would make the graphic bar disappear while have the equalizer function on.
- 5 Pressing EQUALIZER button once more would terminate the function.

Note: Setting the preset equalizer on "personal" allows user to personalize the setting through using the up,down, right, and left buttons.

Fast Forward and Reverse Searching

- 1 Press the **FAST** button during playback to fast forward. "FF 2x" appears on the monitor.
- 2 Press the right and left arrow buttons to adjust the direction and speed of the search. Options include 2x, 4x, 6x, 8x, 12x, 16x, 32x, and 64x.
- 3 Press **PLAY/ENTER** to resume regular play.

Slow Forward and Reverse Searching

- 1 Press the **SLOW** button during playback to slow forward. "SF 2x" appears on the monitor.
- 2 Press the right and left arrow buttons to adjust the direction and speed of the search. Options include 1/2x, 1/4x, 1/8x, and 1/16x.
- 3 Press **PLAY/ENTER** to resume regular play.

Note: Slow forward is not an option when playing audio CDs.

Searching One Scene or Track at a Time

- 1 Press the **PAUSE** button to pause playback of the disc.
- 2 Set the direction of the scene-by-scene search by using the right or left arrow button.
- 3 Press **PLAY/ENTER** to resume regular play.

Searching by Chapter or Track Number

To search a VCD or DVD:

- 1 Press the **GOTO** button. "Title x/y Chapter x/y" appears.
- 2 Press the left and right arrow buttons to highlight the current title or chapter.
- 3 Use the numeric keys to input the desired title or chapter and press **PLAY/ENTER** to confirm your selection.

Note: You can also use the numeric keys to enter the desired track without entering Search mode.

To search an audio or MP3 CD:

- 1 Press the **GOTO** button.
"GOTO --:--" appears.
- 2 Use the numeric keys to enter the desired track number.
Press the **PLAY/ENTER** button to play the selected track.

Note: You can also use the numeric keys to enter the desired track without entering Search mode.

Searching by Next or Previous Chapter or Track

- Press the **NEXT** button during playback to skip forward to the next track or to the next title/chapter.

For VCDs and DVDS- "Chapter x/y" appears on the monitor, where x is the current chapter and y is the total number of chapters.

For audio CDs - "Next" appears on the monitor.

Note: For MP3 discs, if the disc is stopped, press the up and down arrows instead of the **NEXT** or **PREVIOUS** buttons to select a song.

- Press the **PREVIOUS** button during playback to skip backward to the previous track or to the previous title/ chapter.

For VCDs and DVDS- "Chapter x/y" appears on the monitor, where x is the current chapter and y is the total number of chapters.

For audio CDs- "Previous" appears on the monitor.

Repeating a Track or Chapter

The DVD player will repeat a track or chapter, or an audio disc.

Press the **REP** button on the remote control to cycle through the following on-screen display options.

For DVDs:

- "Chapter repeat on"- The current chapter will be repeated.
- "Title repeat on"- The current title will be repeated.
- "Repeat off"- Repeat mode is off.

For audio/video CDs:

- "Rep one"- The current track will be repeated.
- "Rep all"- The current disc will be repeated.
- "Repeat off"- Repeat mode is off.

Note: For MP3 CDs, press the **REP** button to change the play mode.

Repeating a Section of Your Choice

The **A-B** function allows you to specify and repeat playback of a section.

To specify and repeat a section:

- 1 Press the **A-B** button on the remote control ("A to B set A" appears) to select the beginning of the section to be repeated.
- 2 Press the **A-B** button again ("A to B A-B repeat" appears) at the end of the section you wish to repeat.
- 3 The section repeats until you press the **A-B** button and select "A to B cancelled".

ADVANCED FUNCTIONS

Customize Settings

Use the Setup menu to personalize operation of your DVD player. Setup includes options for various Language, Display, Audio, and Parental Control features. The features are described below.

- 1 Press the **SETUP** button. The Setup menu appears.
- 2 Use the arrow keys to highlight your selection and press **PLAY/ENTER** to confirm your selection.
- 3 Press **SETUP** again to begin playback.

Language Setup

- "OSD Language"- Selects language used in Setup menu.
- "Audio"- Selects the language of DVD audio.
- "Subtitle"- Selects the caption language.
- "Disc menu"- Selects the DVD menu language.

Note: Audio, Subtitle, and Disc menu can only be adjusted when playback is stopped.

Display Setup

- "TV display"-
 - "Pan & Scan": When viewing a 16:9 image on a 4:3 screen the sides are cropped.
 - "Letter Box": When viewing a 16:9 image on a 4:3 screen, a black bar appears on the top and bottom of the screen and the complete image is shown.
 - "Wide": Use when connecting to a wide-screen TV.
- "TV type"-
 - "Multi": Outputs the original PAL or NTSC signal recorded into the title. Select this option only when the TV supports both PAL and NTSC.
 - "NTSC": Changes image signal to NTSC.
 - "PAL": Changes image signal to PAL.

- "Pic mode"-
"Auto": Automatically adjusts screen.
"Hi-resolution": Enhances screen image.
"Anti-flicker": Prevents screen trembling.
- "Angle mark"- When playing DVDs that can be viewed from different angles, a camera icon appears on the upper part of the screen.
- "Captions"- Turns on or off subtitles.
- "Screen saver"- Activates screen saver after 10 minutes of inactivity. After 1 hour the DVD Tuner enters stand-by mode.

Audio Setup

- "Digital out"- Adjusts the output for the digital audio terminal.
- "Dynamic range"- Dolby Digital sound. Use when it is difficult to hear dialogues through the stereo or TV. This feature is only supported by DVD titles with DRC properties.
- "Downmix"- Controls stereo and two channel audio.
"2CH": Select for two channel audio.
"LT/RT": Select when the amplifier has Dolby Pro Logic support.
"Stereo": Select when listening to general stereo sound.
"VSS (Virtual Surround System)": Select when listening through VSS.

Parental Control

- "Parental"- If the current disc has a parental code, it is possible to skip or substitute various scenes not suitable for young children.
- "Password"- Create and change password necessary for parental control feature.
- "Default"- Returns DVD player to default settings. The user must know the current password to do so.

The Parental Control feature interacts with the DVD rating, if available, to enable parents to limit DVD playback.

To access the rating system:

- 1 Press the **SETUP** button. The Setup menu appears.
- 2 Use the up and down arrows to highlight "Parental Control" on the on-screen display and press **PLAY/ENTER** to confirm your selection.
- 3 To set a parental control level, press the right arrow and then use the up and down arrows to highlight the desired level of control.
- 4 Press **PLAY/ENTER** to confirm your selection. "Input pwd" appears, prompting you to enter a password.
- 5 Enter a Four -digit password and press **PLAY/ENTER** to confirm your selection.
- 7 Press **SETUP** to exit the Setup menu and begin playback.

DVD Menus

Most DVD discs have unique menu structures. DVD menu contents and operation may differ from disc to disc.

To use DVD menus:

- 1 During DVD playback, press the **MENU** button. The DVD menu available on the disc appears in the monitor.
- 2 Use the up, down, left and right arrows to select the preferred menu option.
- 3 Press **PLAY/ENTER** when the desired option is selected.

Title Menu

Some DVD discs also include more than one title.

To change titles:

- 1 During DVD playback, press the **T.MENU** button. A list of the titles available on the DVD appears in the monitor.

- 2 Use the up, down, left and right arrows to select a title.
- 3 Press the **PLAY/ENTER** button when the desired option is selected.

Display Menu

The **DISPLAY** function enables you to view the status, current title number, track number and the total playing time of the disc on the monitor.

To display status information for VCDs and DVDs:

Press the **DISPLAY** button repeatedly to cycle through the following information on the monitor:

- "Title x/y and Chapter x/y"- Title elapsed time, where x is the current chapter or title and y is the total number of chapters or titles.
- "Title remain"- Title remaining time.
- "Chapter elapsed"- Chapter elapsed time.
- "Chapter remain"- Chapter remaining time.

To display status information for audio CDs:

Press the **DISPLAY** button repeatedly to cycle through the following information:

- "Single elapsed"- Track time.

- "Single remain"- Track remaining time.
- "Total elapsed"- Disc time.
- "Total remain"- Disc remaining time.
- Display off.

Viewing Options

Camera Angle

Some DVD discs contain scenes with more than one viewing angle. For these discs, the same scene can be viewed from a different angle by using the **ANGLE** button on the remote control.

To view a scene from another angle:

- 1 During DVD playback, press the **ANGLE** button. "ANGLE x/y" appears in the monitor, where x represents the current camera angle and y represents the total available camera angles.
- 2 Press the **ANGLE** button again to cycle through all available camera angles until the preferred angle is selected.

Note: This function is only available on DVDs that contain multiple viewing angles.

Zoom

Some DVD discs contain a zoom option. For these discs, the same scene can be viewed from different magnifications by using the **ZOOM** button on the remote control.

- 1 Press the **ZOOM** button during playback to toggle between the following options: x1.5, x2, and x4.
- 2 Press the arrow buttons to shift the magnified section of the screen.
- 3 Press **ZOOM** until "Zoom off" appears to resume normal playback.

Language Support Options

Some DVDs offer a variety of language options for DVD audio, DVD menu text, and DVD subtitles. Features vary depending on the DVD you are viewing.

If DVDs and VCDs contain multiple audio tracks, the same video can be viewed with different audio.

To change the audio on a DVD:

- 1 During DVD playback, press the **AUDIO** button on the remote control.

"AUDIO x/y" appears in the monitor, where x represents the current audio stream and y represents the total available audio streams.

- 2 Press the **AUDIO** button to cycle through all available audio streams until the preferred audio is selected.

To change the audio on a VCD:

- During VCD playback, press the **AUDIO** button until the desired audio is selected.

Subtitle Language (DVD)

Some DVDs include subtitles in one or more languages.

To change subtitles to a different language:

- Press the **SUB.T** button on the remote control to cycle through the following on-screen display options: "Subtitle off" and "Subtitle x/y: language" where x represents the current subtitle, y represents the total available subtitles, and language shows the subtitle language.

Note: In some cases, the subtitle change is not immediate.

SPECIAL FEATURES FOR DVD PLAYER WITH TV TUNER (MODEL 5500)

Using the TV and External Modes (CD/VCD/DVD)

Note: If the on-screen display is not visible on the TV, press the **SUB.T** button.

Press the **DVD/TV/EXT** button on the remote control to toggle between DVD, TV, and EXTERNAL modes. The following options appear on the on-screen display:

- "DVD Mode"- Use when playing DVD or CDs.
- "TV Mode"- Use when watching television.
- "External Mode"- Use when playing video games, camcorders, or other external video units.

Note: When playing a DVD using DVD players without the TV tuner (models 5501 and 5502), the **DVD/TV/EXT** button toggles between playback and pause.

Searching for TV Channels

- Press **PLAY/ENTER** to show channel information.
- When no channels are stored, use the number keys to select channels.
- Press the **REP** button (SCAN-CH) and then press the left or right arrow button to conduct an automatic channel search.
- If channels are stored, press the up and down arrow buttons to search for stored channels.

Save/Delete Channels

- Press the **A-B** button (SAV/ERS) to save/erase a channel.

Clear Screen

- Press the **SUB.T** button to view the on-screen display.
- Press again to clear the screen.

USING GAMES AND CAMCORDERS

You may use video games, camcorders, and other portable video units by connecting the unit to the color-coded auxiliary inputs located on the front panel.



Auxiliary inputs

- Right channel audio input - red.
- Left channel audio input - white.
- Video input - yellow.

To switch between DVD and other video sources, press **DVD/TV/EXT** on the remote control.

INSTALLING THE DVD PLAYER

Warnings

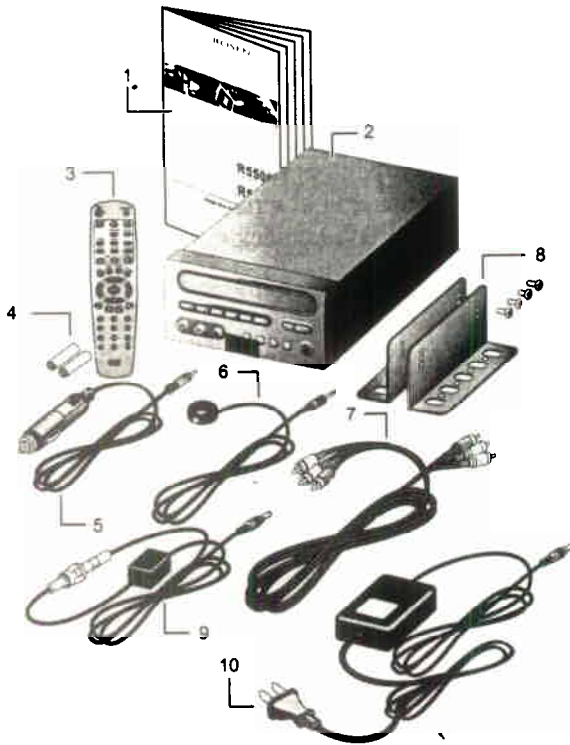
- NEVER install this monitor where it can be viewed from the driving position; this is a violation of many state and local vehicle codes.
- Always mount the monitor securely using the mounting hardware that is provided. Do not use the monitor unless it is properly secured to the vehicle.
- This product utilizes a laser. Do not remove the cover. Use of controls or adjustments, or performance of procedures other than those specified may result in hazardous radiation exposure.
- Disconnect the ground wire from the vehicle battery terminal before connecting this unit to the electrical system.

Precautions

- To avoid damaging the unit, use only Rosen-approved hardware and accessories.
- Allow adequate air circulation to prevent internal heat buildup. Do not install unit near heat sources such as radiators or air ducts, or in a place subject to direct sunlight or excessive dust.
- To reduce the risk of fire or shock hazard, do not expose this equipment to rain or moisture.
- This product is designed to operate with a 12-Volt, negative ground battery.
- Avoid mounting locations where there is a risk of impact with a passenger in the event of an accident.
- Use proper insulation, connectors, and fastening materials to prevent electrical short-circuiting.

What's In the Box

The Rosen 5500-series DVD player includes the following parts and equipment:



- 1 This manual
- 2 DVD player (1): R5500 with TV tuner, R5501 without TV tuner, or R5502 with AC adapter, without TV tuner
- 3 Remote control (1)
- 4 AAA Battery (2)
- 5 12-Volt DC power connector (1)
- 6 Remote infrared "eye" sensor (1)
- 7 Audio/video cable (1)
- 8 Mounting brackets (2), with 4 phillips-head screws
- 9 Amp power converter (1)
- 10 AC adapter (provided with model 5502, optional for models 5500 and 5501)

Mounting the DVD Player

Use the correct fasteners and connecting cables during installation to avoid possible product damage, electrical short-circuits, and risk of fire. This product was designed to be installed horizontally or vertically.

- 1 Select the desired location and position for the DVD player.

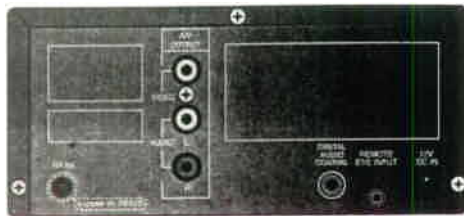
Note: Do not install this product in a position that may interfere with safety restraints or standard operation of the vehicle. Do not install this unit in a position that may cause injuries to passengers during an accident.

- 2 Attach the mounting brackets to the DVD player using the four screws supplied.



- 3 Attach the DVD player to the vehicle or home location.

Connecting the Cables and Remote Eye Sensor



- 1 Connect the audio/video cable to the audio/video outputs on the back of the DVD player and to your desired device(s).

Connection to a monitor/TV only: Attach all three audio/video connectors to the TV audio/video terminals. If there is only one TV audio input terminal, connect to either L1 or R1.

Connection to TV and Amplifier: Attach the white and red audio connectors to the amplifier's audio input terminals and the yellow video connector to the video input terminal on the TV.

Connection to TV and Dolby Pro Logic support amplifier: Attach the white and red audio connectors to the Dolby Pro Logic support amplifier's audio input terminals and the yellow video connector to the video input terminal on the TV.

Connection to TV and Dolby Digital support amplifier: Attach the digital audio coaxial cable to the support amplifier terminal (and DVD player) and attach the yellow video connector to the video input terminal on the TV.

- 2 Connect the remote eye sensor (optional). Peel the adhesive tape off the sensor and stick the sensor in an easy-to-use location for operating the remote control, such as near or on the monitor.

3 *For R5500 DVD Player with TV Tuner Only:* Connect the TV tuner antenna cable (not included) to the DVD player and TV tuner.

4 Connect the power cable.

For in-car use: Connect the 12-Volt DC power connector to the DVD player and the cigarette lighter in your automobile dash.

For in-home use: Use the optional AC adapter.

TROUBLESHOOTING

No Power

- Check the power cord.
- Check the remote control batteries.

Disc Will Not Play

- Check disc is loaded **label side up**.
- Check if the disc has parental control viewing restrictions.
- Check that the disc has the applicable regional code. The region number on the disc must correspond to the region number of the DVD player.
- Check if the disc is compatible.
- Check whether the DVD player has been affected by adverse environmental conditions such as condensation or heat. If so, wait for 1 hour before playing the DVD.

No Sound

- Make sure the DVD player is not in slow or fast playback mode.
- Make sure the **MUTE** button is not on.
- Check that the audio/visual cord is properly connected.
- Check the Audio setting in the Setup menu.

Poor Functioning

- If the DVD player has been affected by adverse environmental conditions such as condensation or heat, wait for 1 hour before playing the DVD.
- Static electricity can affect operation. Turn off the DVD player and turn it back on or wait until the DVD player is no longer in an area with static electricity.

Long Wait After Pressing PLAY/ENTER

- After using the setup menu or after pressing many buttons in rapid succession, the DVD player motor will take longer than normal to begin playback.

Remote Control Does Not Work

- Check batteries.
- Check the distance or angle from the infrared sensor on the DVD player or the remote eye sensor.

Setup Menu Does Not Work

- Setup menu cannot be accessed when the disc is loading.
- Audio, Subtitle, and Disc menu in the Language Setup menu can only be adjusted when playback is stopped.
- The Setup menu includes features which may not be available on all discs.

SPECIFICATIONS

General

Power supply: DC 12-Volt
Net electrical consumption: 24W
Weight: 2.0Kg, 0.99lb
Size: 17.0 (w) x 25.1 (l) x 7.3 (h) cm,
6.7 (w) x 9.9 (l) x 2.9 (h) in.
Operating temperature: 5-45 degrees C
Operating humidity: 10-75%

Audio/Video Output

Composite video: 1.0V p-p (electrical load of 75 ohm)
2-Channel: left (1/L), right (1/R)
Output level: analog audio-2V rms (1kHz); digital audio-
1.15V p-p
Frequency response: 48kHz sampling-4-22kHz; 96kHz
sampling-4-44kHz
S/N ratio: 106dB
Dynamic range: 106dB
Total harmonic distortion: 0.002%

TV Input (TV Tuner Model Only)

Channel frequency: VHF-55.25MHz-211.25MHz;
UHF-471.25MHz-801.25MHz

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